

AMENDMENTS TO THE CLAIMS

The claims in this listing will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A method of manufacturing a low pressure injection type RIM mold, comprising:

machining a material that is easily subjected to NC machining, so that a skin material with a base for a product can be prepared using skin data on the product;

preparing an outer frame around the machined skin material and pouring epoxy onto the machined skin material to prepare a lower mold;

releasing and inverting the lower mold after the epoxy has been completely cured, and performing NC machining on the released portion of the lower mold;

preparing a thickness-defining portion on the inverted lower mold using one of wax and resin by means of machining for the thickness of the product, bosses and a rim;

preparing an upper mold by pouring epoxy onto the machined surface wherein a thickness-forming portion is formed; and

removing the thickness-forming portion to thereby form a RIM mold.

2. (Currently Amended) The method as claimed in claim 1, wherein the skin material prepared in the machining is made of ~~Styrofoam~~ polystyrene material.

3. (Previously Presented) The method as claimed in claim 1, wherein in the preparing an outer frame, the lower mold is prepared by pouring the epoxy such that the skin material is immersed in the epoxy and the surface of the epoxy is in a horizontal state.

4. (Previously Presented) The method as claimed in claim 1, wherein in the preparing an upper mold, the upper mold is prepared by pouring the epoxy such that the thickness-forming portion is immersed in the epoxy and the surface of the epoxy is in a horizontal state.

5. (Withdrawn – Previously Presented) A product formed using a mold manufactured by a method according to claims 1.

6. (Withdrawn – Previously Presented) A product formed using a mold manufactured by a method according to claim 2.

7. (Withdrawn – Previously Presented) A product formed using a mold manufactured by a method according to claim 3.